

Technical Data Sheet

Schuladur A1 GF30 U BLK967878



Polybutylene Terephthalate + PET

Product Description

Schuladur A1 GF30 U is a PBT/PET with 30% Glass Fiber, offering UV resistance for typical automotive interior application. This material is colormatched in specific color.

This product is also available in other colors, new colors can be developed depending on customer requirements.

Application Automotive Interior Parts

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.55	g/cm ³	ISO 1183
APS Tensile & Modulus			
Tensile Strain at Break, (Type 1A, 23 °C, 5 mm/min)	2.0	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 23 °C, 5 mm/min)	148	MPa	ISO 527-2
Tensile Modulus, (23 °C, 1 mm/min, Type 1A)	10500	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	9.0	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	205	°C	ISO 75-2/A